

CLAIMS

1. A radially deformable tubular prosthesis (10) comprising a lattice (12) that is deformable between a retracted state of small diameter and an expanded state
5 of greater diameter, the prosthesis being characterized in that it includes at least two external hooks (18; 118; 218) defining between them a clamp (16) for hooking in external tissue, the two hooks (18; 118; 218) being carried by the lattice (12) and being movable between a
10 spaced-apart position in which the clamp (18; 118; 218) is open, and a closer-together position in which the clamp (16) is closed.
2. A prosthesis according to claim 1, characterized in
15 that each hook (18; 118; 218) is connected to the lattice (12) from a connection end, and the hooks (18; 118; 218) of a given clamp (16) are movable relative to each other during deformation of the prosthesis.
- 20 3. A prosthesis according to claim 2, characterized in that the lattice (12) comprises crossing wires that form meshes in the form of deformable quadrilaterals, and in that each hook (18; 118; 218) is connected to the lattice in a corner of a quadrilateral.
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4. A prosthesis according to claim 2 or claim 3, characterized in that each hook (18; 218) is welded or soldered to the lattice (12) at its connection end.
- 30 5. A prosthesis according to claim 2 or claim 3, characterized in that each hook (118) is extended at its connection end by a strand (120) that is twisted around the lattice (12).
- 35 6. A prosthesis according to any preceding claim, characterized in that each hook (18) of a given clamp presents the shape of a shepherd's crook (24) at its

hooking end, the two hooks (18) overlapping at least in part in order to form said clamp (16).

7. A prosthesis according to any one of claims 1 to 5,
5 characterized in that each hook (218) is in the form of a substantially rectilinear blade, the two hooks (218) extending facing each other and spaced apart from each other when the clamp is open.

10 8. A prosthesis according to any preceding claim,
characterized in that the lattice (12) is elastically deformable towards its expanded position.

15 9. A kit for treating a blood vessel, the kit being characterized in that it comprises:

- a prosthesis according to claims 2 and 8;
- means (30) for holding the lattice in the retracted state in the region of the or each clamp; and
- a lattice-delivery tube (32) defining a confinement duct for confining the prosthesis in its retracted state.

20 10. A kit according to claim 9, characterized in that said confinement duct of the delivery tube (32) includes longitudinal channels (33) for receiving the hooks (18).